



Iowa Crops & Weather

USDA – National Agricultural Statistical Service – Iowa Field Office

In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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SUMMER SUN ENCOURAGES CROP DEVELOPMENT

The first week of summer brought warm weather across the State. Corn and soybeans experienced good growing conditions with the exception of areas in the path of Tuesday’s thunderstorm which cut across Iowa. Once again, hay harvest efforts were hindered due to high humidity and rains. In addition, rains prevented many fields from being sprayed again this week. Some low-lying areas have standing water issues. Also, high temperatures caused stress on animals in feedlots this week.

There were 4.0 days suitable for fieldwork during the week, compared to the five-year average of 5.0 days. Topsoil moisture rated 3 percent short, 77 percent adequate, and 20 percent surplus across the state. Subsoil moisture rated 3 percent short, 74 percent adequate, and 23 percent surplus.

Field Crops Report: Nearly all of Iowa’s corn acres have emerged. Corn condition was rated 1 percent very poor, 3 percent poor, 15 percent fair, 56 percent good, and 25 percent excellent. The corn stand was rated at 95 percent of normal with 100 percent considered normal. The corn stand’s average tallest height was 51 inches with an overall average height of 37 inches.

Soybean planting advanced 1 percentage point from last week to 99 percent complete. Ninety-seven percent of the State’s soybean crop has emerged. Soybeans blooming in Iowa reached 4 percent, 2 days ahead of last year, but 3 days behind the five-year average. Soybean condition was rated 1 percent very poor, 3 percent poor, 18 percent fair, 59 percent good, and 19 percent excellent.

The oat crop reached 86 percent headed, 22 percentage points ahead of last year, but 2 percentage points below the five-year average. Twelve percent of the oat crop is now turning color, 5 percentage points ahead of last year but 9 percentage points behind the five-year average. Oat condition was rated 3 percent poor, 18 percent fair, 59 percent good, and 20 percent excellent.

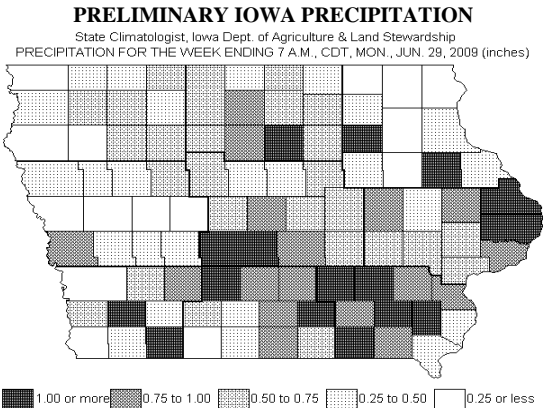
The first cutting of alfalfa was 76 percent harvested, behind the five-year average of 93 percent. Some farmers have begun their second alfalfa cutting

as it is now 5 percent complete. All hay condition was rated 3 percent very poor, 10 percent poor, 26 percent fair, 50 percent good, and 11 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 5 percent poor, 20 percent fair, 52 percent good, and 22 percent excellent. Stress levels on cattle increased with higher temperatures and humidity.

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Harry Hillaker, State Climatologist

Hot and humid weather dominated Iowa for most of the past reporting week. Tuesday (23rd) was the hottest and most humid day in most areas. Official temperatures topped out at 99 degrees at Glenwood. The highest official heat index was 113 degrees at Ames but unofficial values were far higher on Tuesday. Daytime highs were in the 90’s statewide on Monday (22nd) and Tuesday (23rd). Highs on Wednesday (24th) were in the low 80’s north to low 90’s southeast and on Thursday (25th) were in the mid 80’s northeast to low 90’s south and west. Highs on Friday (26th) were mostly in the 80’s. A cold front brought welcome cooler and drier air over the weekend, but not before readings again climbed into the low to mid 90’s over the southeast on Saturday (27th). Highs on Sunday were in the 80’s statewide with overnight lows dipping into the 50’s and low 60’s. Sibley reported the state’s lowest temperature with a Monday (29th) morning minimum of 50 degrees. Temperatures for the week as a whole averaged 5.5 degrees above normal. Monday (22nd) and Sunday (28th) were dry across Iowa. Most of the week’s rain came on Tuesday when thunderstorms affected most of the state. Severe weather, mostly in the form of high winds, was reported from 41 Iowa counties on Tuesday afternoon and evening. Hit and miss thunderstorms were the rule for the rest of the week with only a few localized areas receiving significant rain. Weekly rain totals varied from only 0.03 inches near Elkader to 2.83 inches north of New Market in northwest Taylor County. The statewide average precipitation was 0.61 inches while normal for the week is 1.07 inches.



Statewide Crop Conditions as of June 28, 2009					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	3	15	56	25
Soybeans	1	3	18	59	19
Oats	0	3	18	59	20
Hay, all	3	10	26	50	11
Range & Pasture	1	5	20	52	22

Field Work and Crop Progress as of June 28, 2009													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches				
Corn, average tallest height	45	43	48	57	54	57	60	50	56	51	33	34	50
Corn, average height	36	33	32	44	36	41	45	28	36	37	23	23	37
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn stand (normal = 100%)	99	98	95	97	94	97	89	88	90	95	95	84	93
Soybeans emerged	100	100	100	97	98	99	91	86	90	97	94	91	98
Oats headed	89	74	83	82	90	92	94	78	89	86	66	64	88
Alfalfa - first crop harvested	96	93	97	85	85	86	73	56	48	76	62	80	93

Days Suitable & Soil Moisture Condition as of June 28, 2009												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	4.6	4.1	4.7	3.9	3.3	4.4	4.7	4.0	1.9	4.0	2.2	4.4
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	1	0	0	0	1	0	0	0	0	0	0	0
Short	8	3	6	3	1	0	8	0	0	3	1	1
Adequate	85	92	86	74	62	83	70	73	63	77	64	62
Surplus	6	5	8	23	36	17	22	27	37	20	35	37
Subsoil moisture												
Very short	2	0	1	0	0	0	0	0	0	0	0	0
Short	12	2	6	1	1	0	7	1	0	3	2	0
Adequate	80	88	85	79	56	79	64	71	59	74	65	52
Surplus	6	10	8	20	43	21	29	28	41	23	33	48

Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, June 28, 2009, Prepared by AWIS, Inc.

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	95	57	76	6	0.16	-0.77	6.24	-3.69	180	41
Sioux Center	94	53	76	5	0.89	-0.14	7.15	-2.89	185	29
Spencer	95	56	76	5	0.43	-0.48	7.49	-2.40	182	35
Spirit Lake	92	57	76	7	0.36	-0.64	7.78	-1.81	186	22
North Central District										
Britt	92	56	76	4	0.76	-0.31	12.33	1.59	180	26
Humboldt	92	56	76	5	0.84	-0.25	12.77	1.71	185	34
Mason City	93	57	76	6	0.74	-0.31	10.81	-0.46	181	37
Osage	92	57	76	6	0.53	-0.50	11.53	0.27	182	22
North East District										
Decorah	94	57	76	6	0.33	-0.65	12.02	0.79	184	40
Dubuque	92	60	76	7	0.59	-0.34	10.59	-1.26	186	47
Elkader	93	58	75	5	0.07	-0.84	12.56	1.79	174	9
Fayette	94	57	75	6	0.53	-0.47	13.02	1.61	178	35
Waterloo	93	60	77	7	0.68	-0.41	12.01	0.48	193	45
West Central District										
Carroll	94	56	77	6	0.23	-0.89	9.96	-2.26	189	37
Castana	91	55	77	5	0.25	-0.73	8.49	-2.63	188	39
Guthrie Center	97	54	78	6	0.35	-0.73	12.79	0.75	195	41
Harlan	94	55	77	5	0.34	-0.66	12.22	0.64	191	38
Jefferson	93	58	77	5	0.17	-0.95	10.51	-1.71	188	36
Logan	96	55	78	5	0.15	-0.83	11.50	0.01	196	31
Rockwell City	91	55	76	4	1.10	0.05	10.70	-0.36	185	25
Sac City	91	55	75	4	0.52	-0.51	10.39	-0.97	178	27
Sioux City	94	55	78	6	0.65	-0.19	7.76	-1.72	201	39
Central District										
Boone	94	55	77	6	0.44	-0.73	13.59	0.88	188	37
Des Moines	97	61	82	9	0.52	-0.52	13.97	2.77	223	54
Grundy Center	92	59	77	8	1.06	0.01	15.67	4.13	193	51
Marshalltown	93	57	78	7	0.34	-0.78	11.88	0.21	195	44
Newton	96	60	79	7	1.18	0.15	13.95	2.24	204	46
Perry	97	58	79	8	0.81	-0.27	12.78	0.92	203	51
Toledo	94	59	77	7	0.53	-0.52	12.91	1.01	190	43
East Central District										
Cedar Rapids	92	59	77	6	0.78	-0.27	12.16	1.01	193	37
Davenport	95	63	80	7	0.82	-0.18	14.19	3.20	209	45
Iowa City	94	61	79	6	0.87	-0.25	10.85	-1.10	208	38
Lowden	95	60	78	7	0.70	-0.42	11.33	-1.05	197	44
Maquoketa	93	59	77	6	0.41	-0.63	10.97	-0.37	188	39
Muscatine	96	63	81	8	1.22	0.17	16.94	5.46	218	75
South West District										
Atlantic	97	57	79	7	0.38	-0.58	14.98	4.20	204	48
Clarinda	95	58	79	6	0.30	-0.82	14.87	2.56	203	38
Glenwood	99	57	80	7	0.58	-0.46	12.58	0.50	211	46
Red Oak	97	58	80	6	1.27	0.08	12.26	-0.52	210	38
Sidney	96	59	80	7	0.16	-0.83	9.88	-1.43	213	41
South Central District										
Allerton	92	59	78	6	0.96	-0.09	15.96	4.48	197	66
Beaconsfield	96	60	79	8	1.55	0.50	17.38	6.06	207	51
Chariton	94	61	79	8	1.29	0.15	15.68	3.61	205	50
Indianola	98	58	80	8	0.75	-0.30	15.14	3.13	208	51
Leon	93	59	79	7	0.29	-0.69	13.86	1.79	201	44
South East District										
Bloomfield	94	63	79	6	2.66	1.68	16.43	4.85	206	40
Burlington	95	67	81	8	0.91	-0.07	18.32	7.26	219	53
Ottumwa	93	61	80	6	2.19	1.27	16.67	5.90	210	40
Washington	95	62	79	5	1.45	0.48	16.83	5.97	204	52

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2009: AWIS, Inc. All Rights Reserved.